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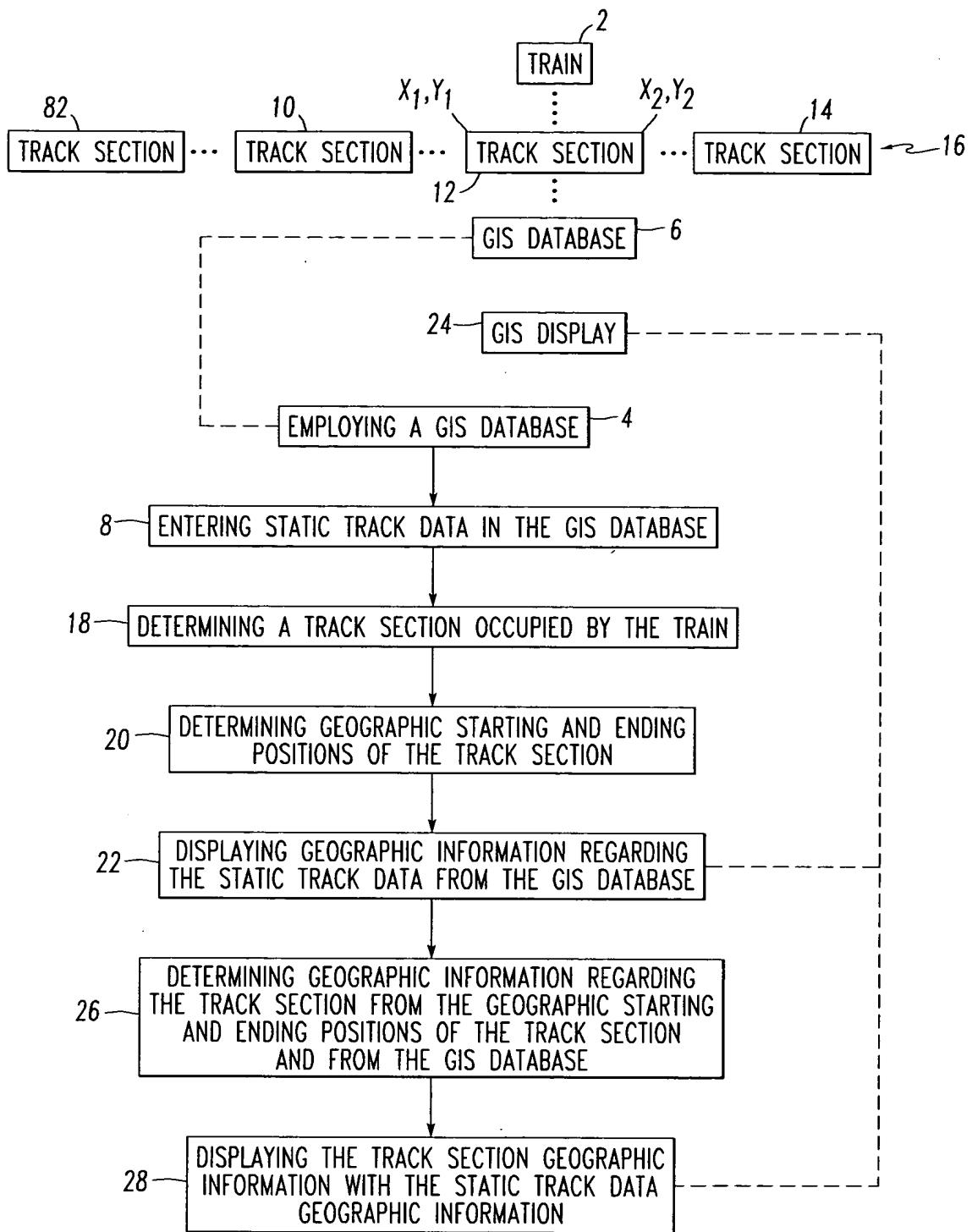


FIG. 1

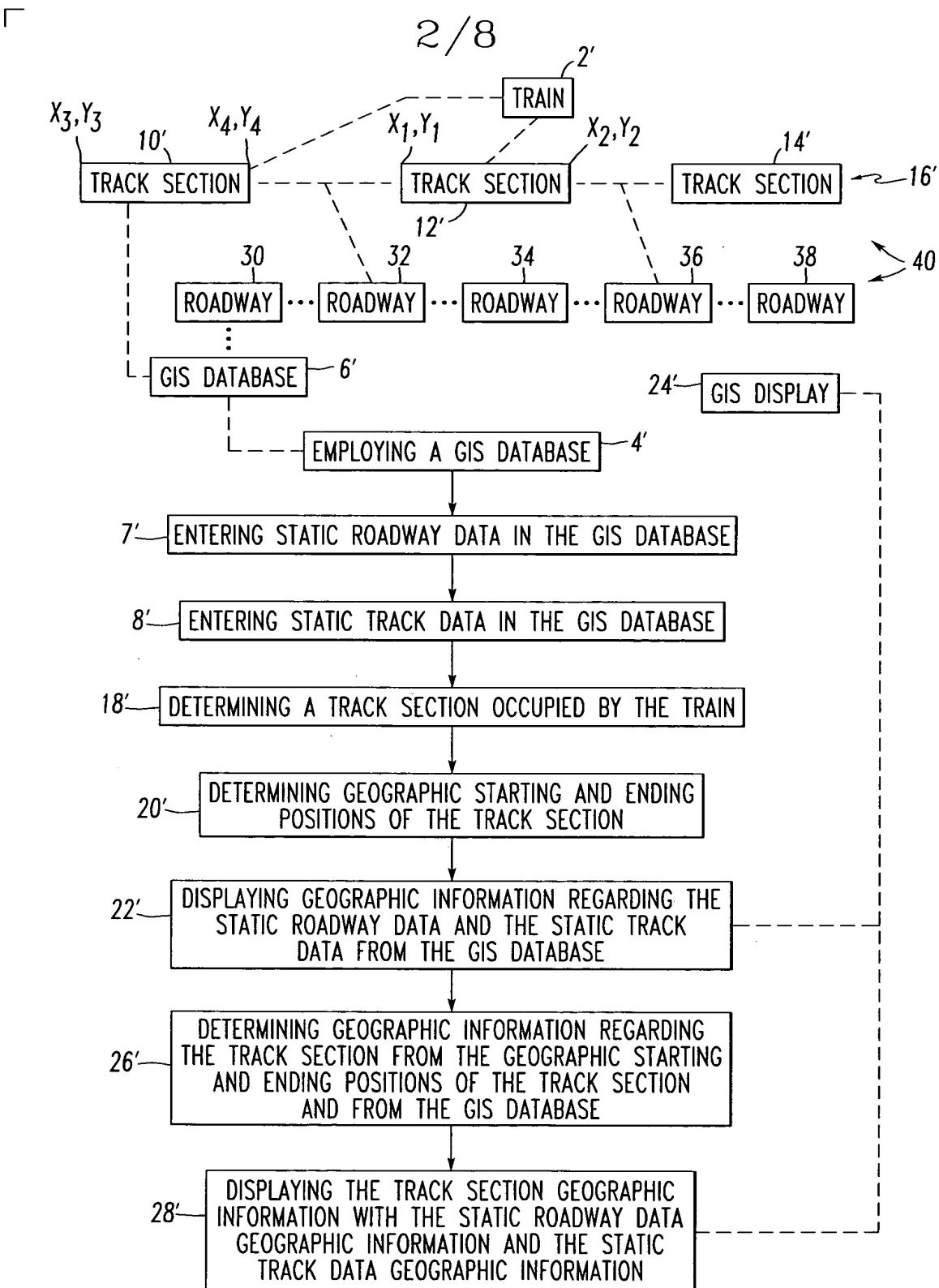


FIG.2

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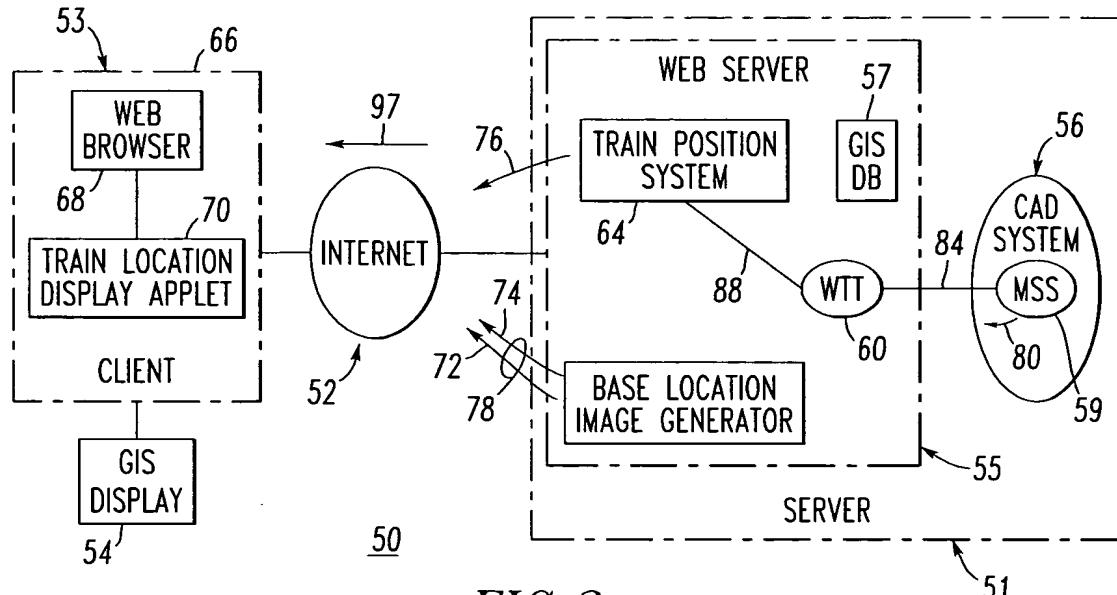


FIG.3

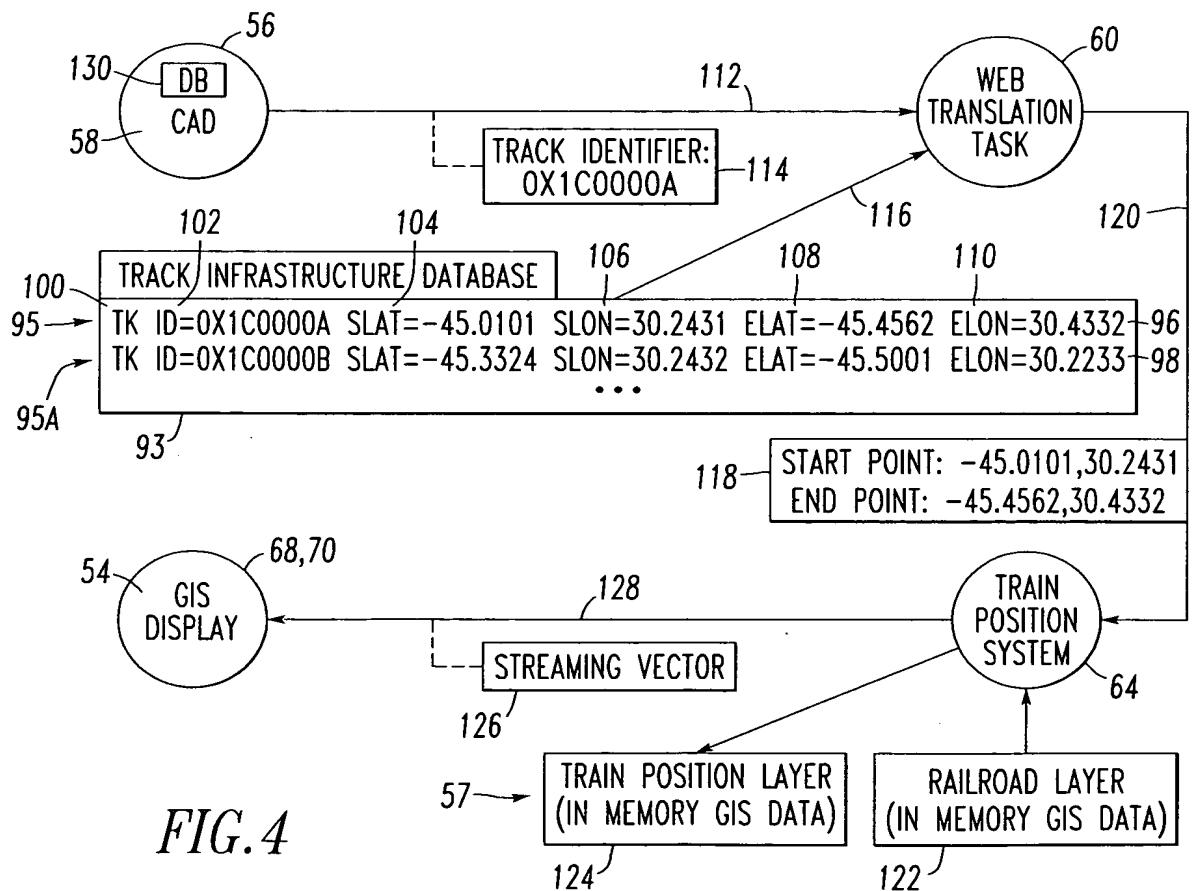


FIG.4

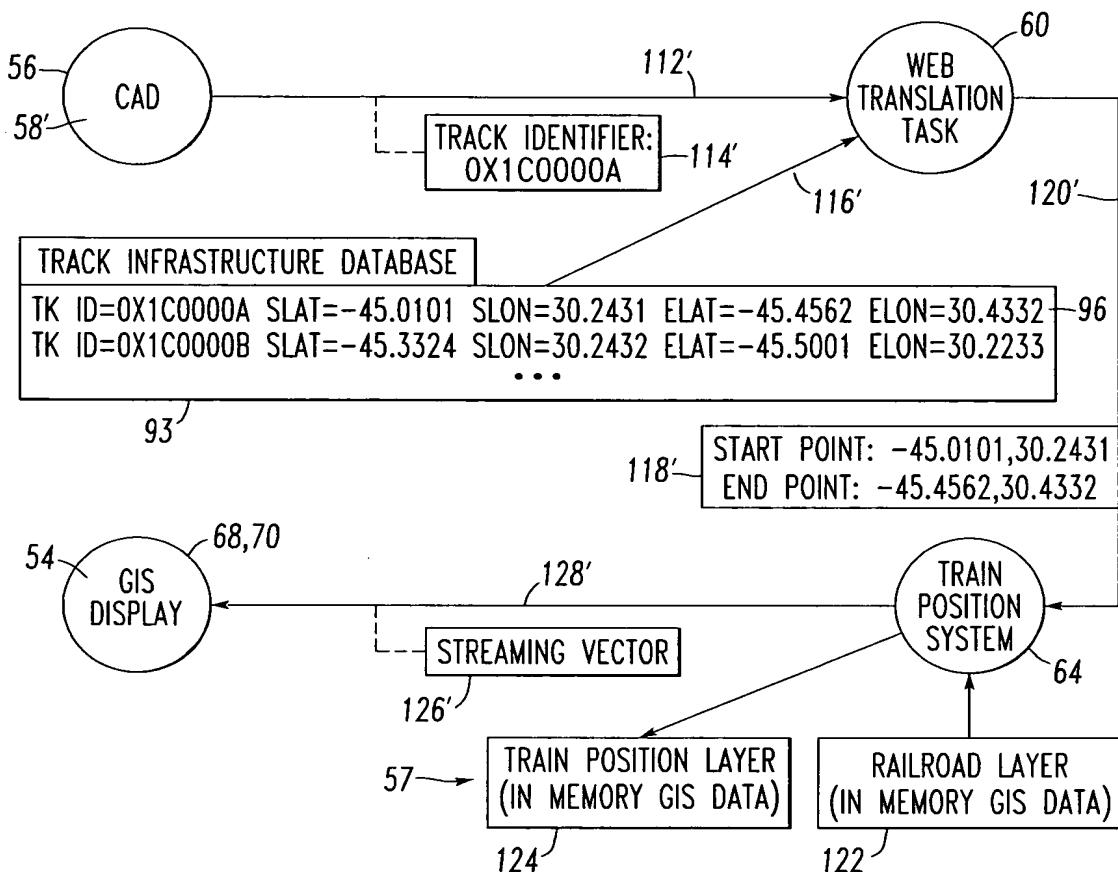


FIG.5

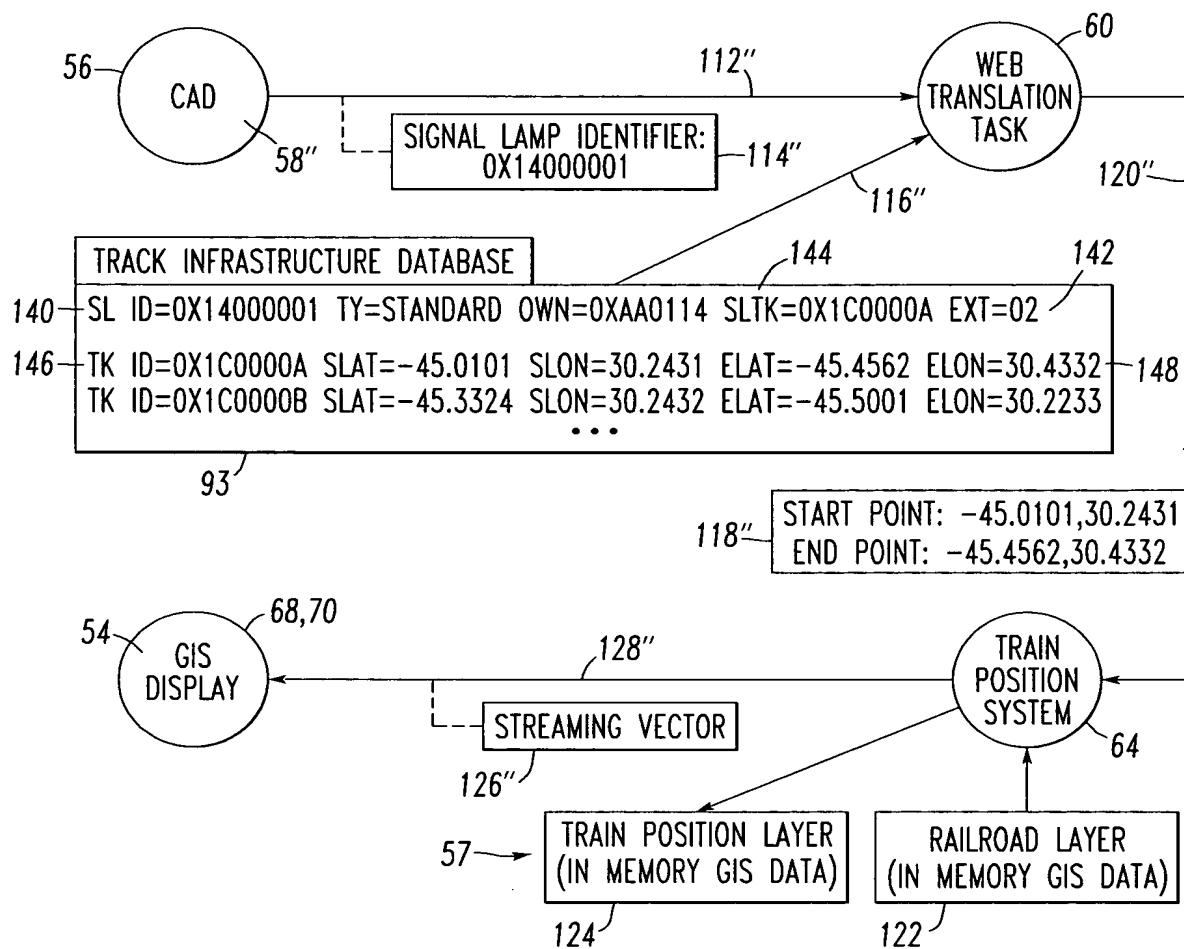
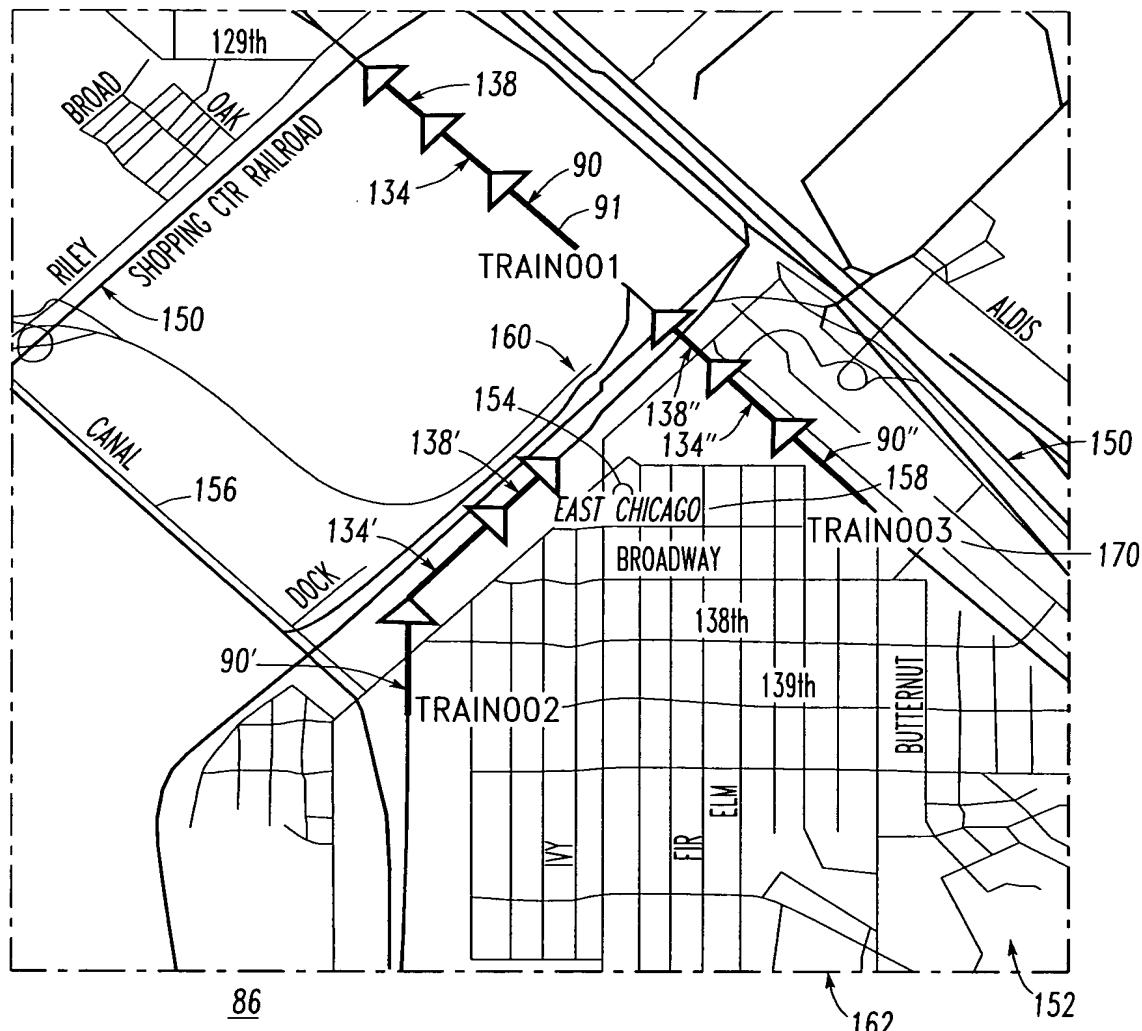


FIG. 6



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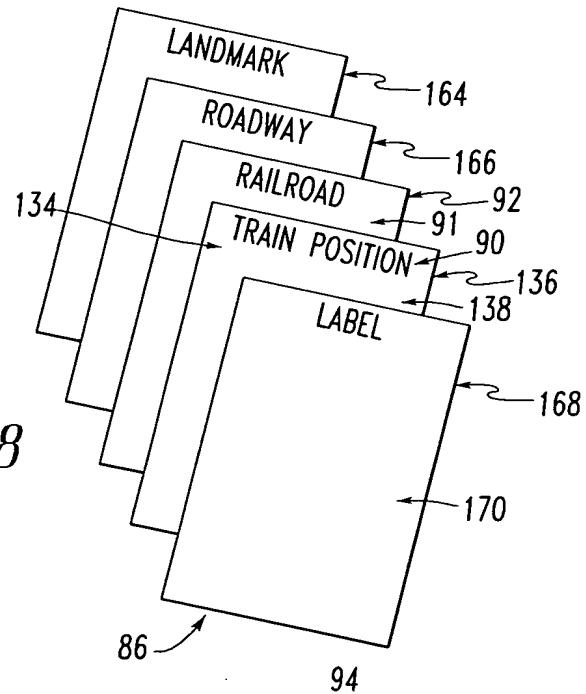


FIG. 8

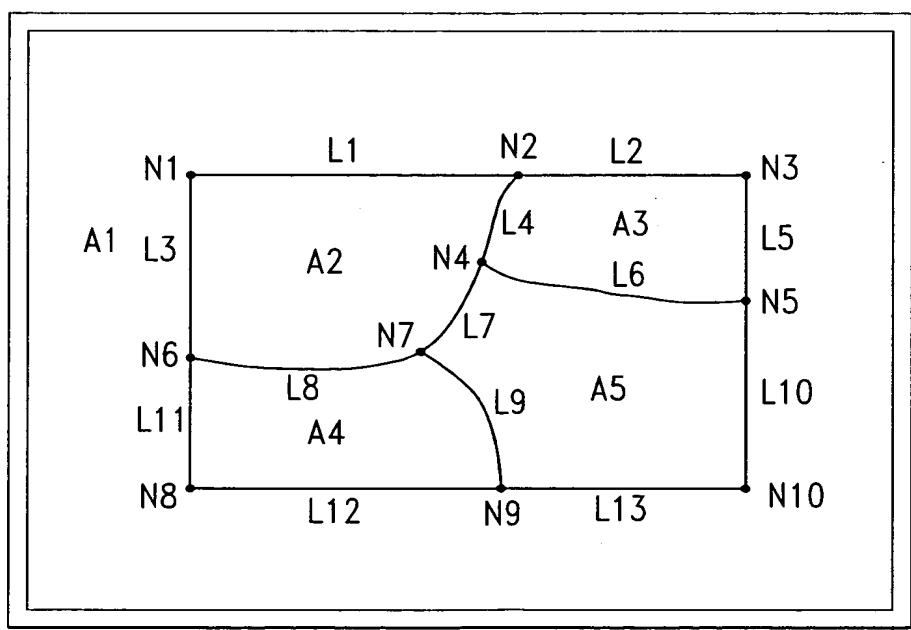


FIG. 10
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<u>NODE FILE</u>		<u>LINE FILE</u>		<u>AREA FILE</u>		<u>AREA</u>		<u>GEOMETRY</u>	
<u>NODE</u>	<u>XY</u>	<u>LINE</u>	<u>NODE</u>	<u>END</u>	<u>NODE</u>	<u>LEFT</u>	<u>RIGHT</u>	<u>AREA</u>	<u>XY,XY</u>
N1	XY	L1	N1	N2	A1	A2			XY,XY
N2	XY	L2	N2	N3	A1	A3			XY,XY
N3	XY	L3	N1	N6	A2	A1			XY,XY
N4	XY	L4	N2	N4	A3	A2			XY,XY
N5	XY	L5	N3	N5	A1	A3			XY,XY
N6	XY	L6	N4	N5	A3	A5			XY,XY
N7	XY	L7	N4	N7	A5	A2			XY,XY
N8	XY	L8	N6	N7	A2	A4			XY,XY
N9	XY	L9	N7	N9	A5	A4			XY,XY
N10	XY			N10	A1	A5			XY,XY
<u>AREA FILE</u>		L10	N5	N10					
A1	XY (OUTSIDE)	L11	N6	N8	A4	A1			XY,XY
A2	XY L1, L4, L7, L8, L3	L12	N8	N9	A4	A1			XY,XY
A3	XY L2, L5, L6, L4	L13	N9	N10	A5	A1			XY,XY
A4	XY L8, L9, L12, L11								
A5	XY L6, L10, L13, L9, L7								

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FIG. 9
PRIOR ART